

Wafer UV Eraser Systems 20190524

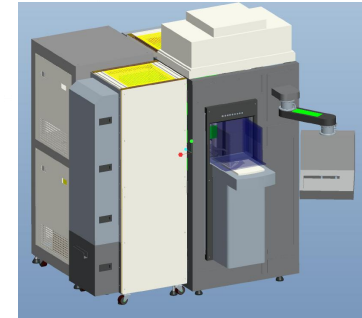
Presentation 2019

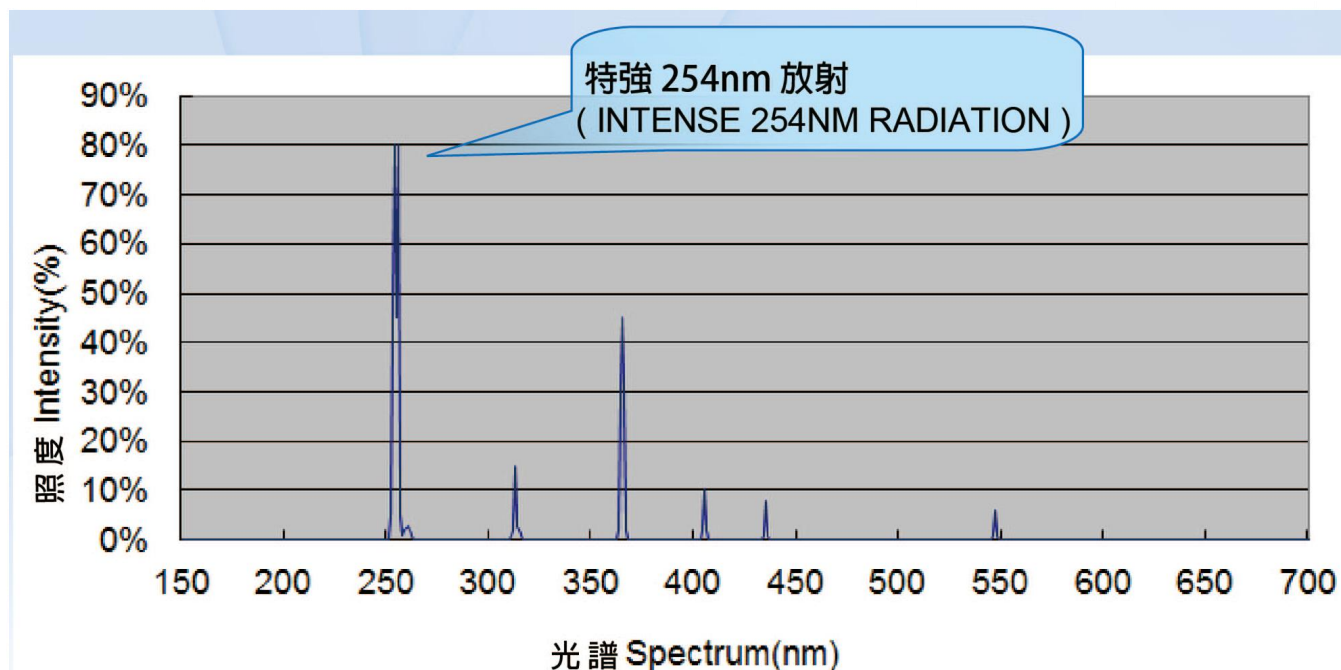
Fpd | Touch Panel | Automation | Equipments



AGENDA

- Spectrum
- Auto UV eraser.
- Manual mass production eraser.
(12" 6 wafers)
- Manual eraser for laboratory.
(12" 1 wafer)
- Comparison list.



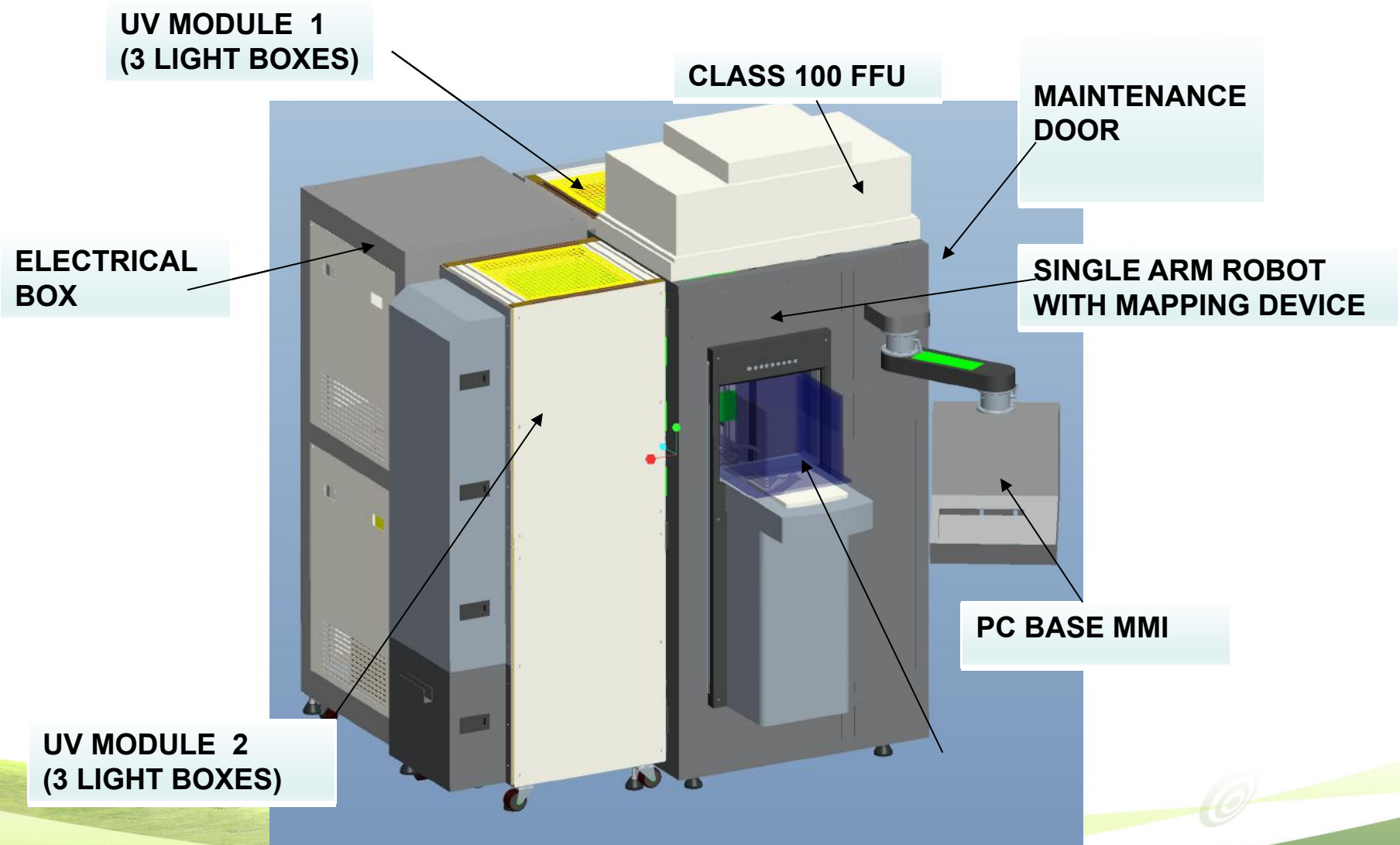


- High 254nm irradiance among all series erasers.
- 254nm is key wavelenth for erase process.

FEATURES

- FOR 8"/12" Wafer
- 2 UV MODULES for 6 WAFERS per TIME
- SINGLE ARM WITH MAPPING FUNCTION
- INTENSITY ≥ 60 mw/cm²
- DIMENSION : 220X 250X235 CM(WXDXH)
- PC BASE MMI

AUTO ERASER OVERVIEW



AUTO ERASER

EXAMPLE OF 1 UV MODULE (3 LIGHT BOX) (12" WAFER) AUTO ERASER PROCESS VEDIO



SAFETY DESIGN

- DOOR OPEN INTERLOCK
- UV EXPOSURE BOX TEMPERATURE MONITORING WITH ALARM SETTING DESIGN
- HIGH TEMPERATURE PROTECTION SWITCH INSIDE LAMP POWER SUPPLY
- UV INTENSITY MONITORING IN EACH UV EXPOSURE BOX
- LAMP AUTO OFF WHEN IDLE 40 MINS (ADJUSTABLE IN MMI)

AUTO ERASER

PC BASE CONTROL

- WIN10 64bits OS.
- MMI

@19" LCD display

@Production log file

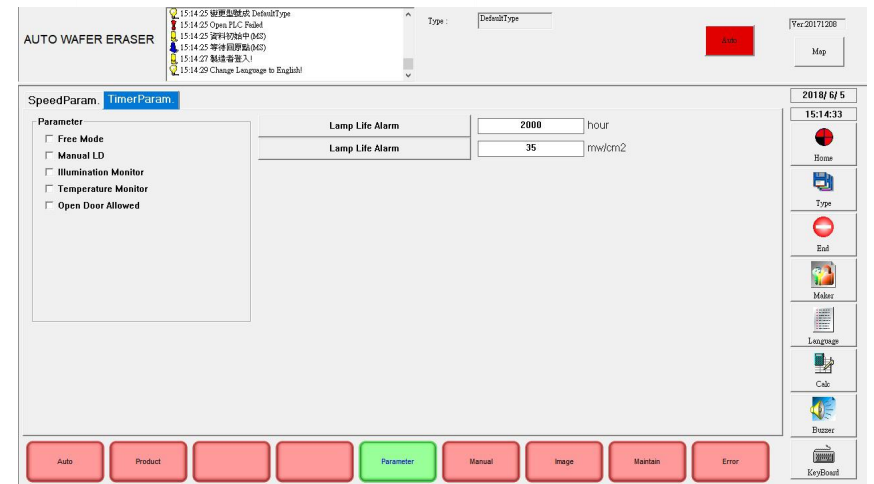
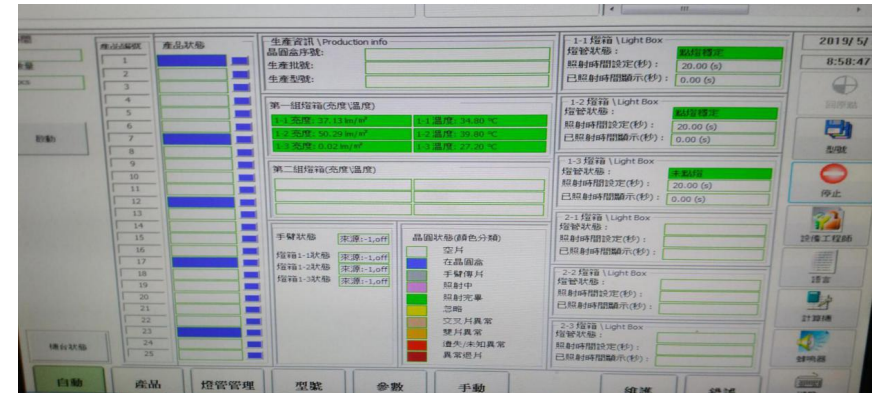
@Jam log file

@System status log file

@MTBF function.

- NETWORK

@SECS/GEM(optional)



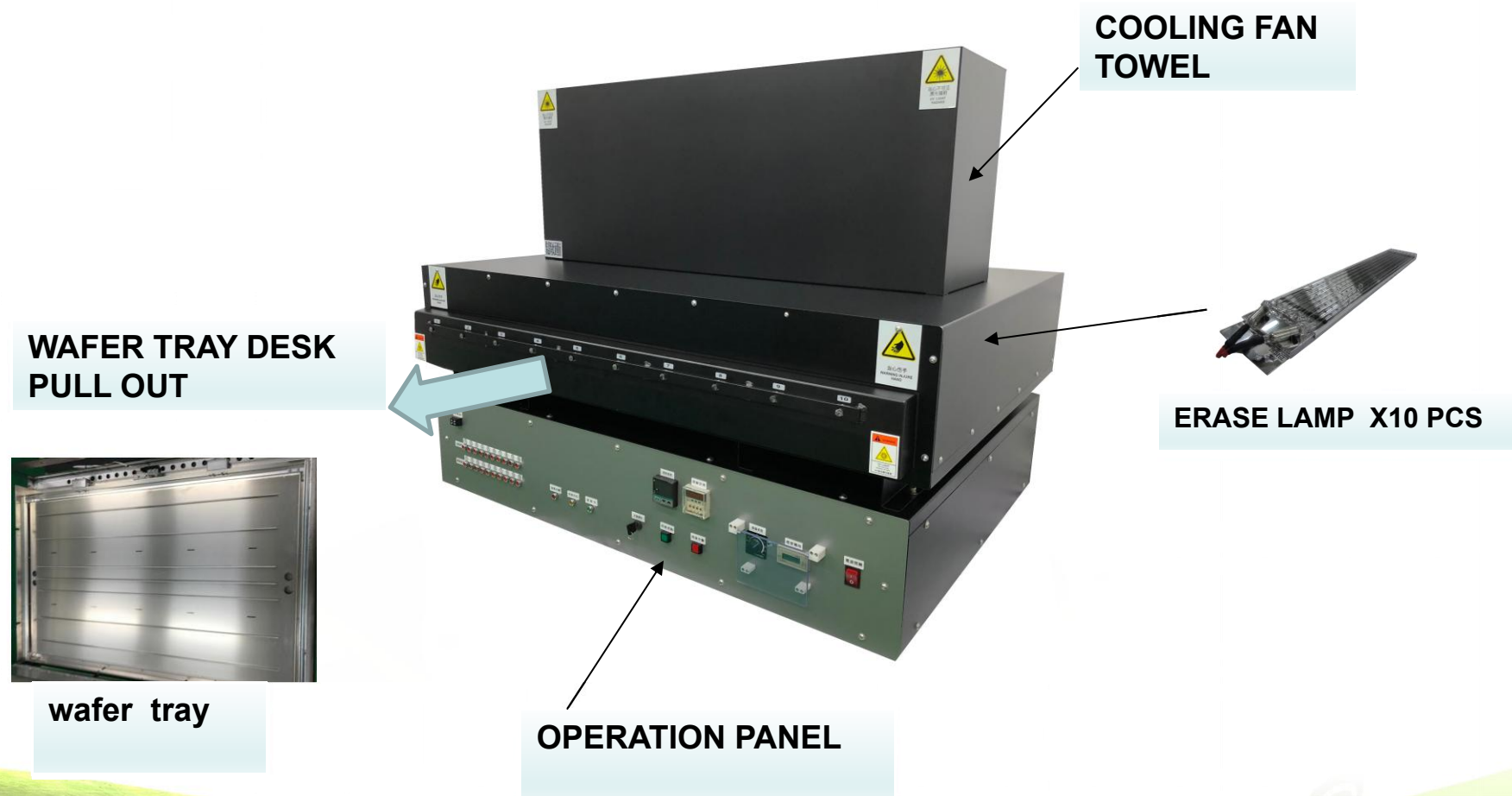
MANUAL ERASER (12" WAFER 6PCS)

FEATURES

- FOR 12/8 INCH WAFERS(12"/8" WAFER TRAY CHANGE ABLE)
- CAPA : 12" (6 WAFERS) 8" (15 WAFERS) PER TRAY
- MANUAL WAFER LOAD/UNLOAD
- HIGH INTENSITY GRID MERCURY LAMP X10PCS
(NEW LAMP UVC INTENSITY 60mw/cm²)(METER ILT1400)
- SAFETY DESIGN (TRAY BOX /UV INTERLOCK)
- EQUIPMENT SIZE:WDXH 117X 92X94 CM
- PLC AND TRADITIONAL SWITCH

MANUAL ERASER (12" WAFER 6PCS)

OVERVIEW

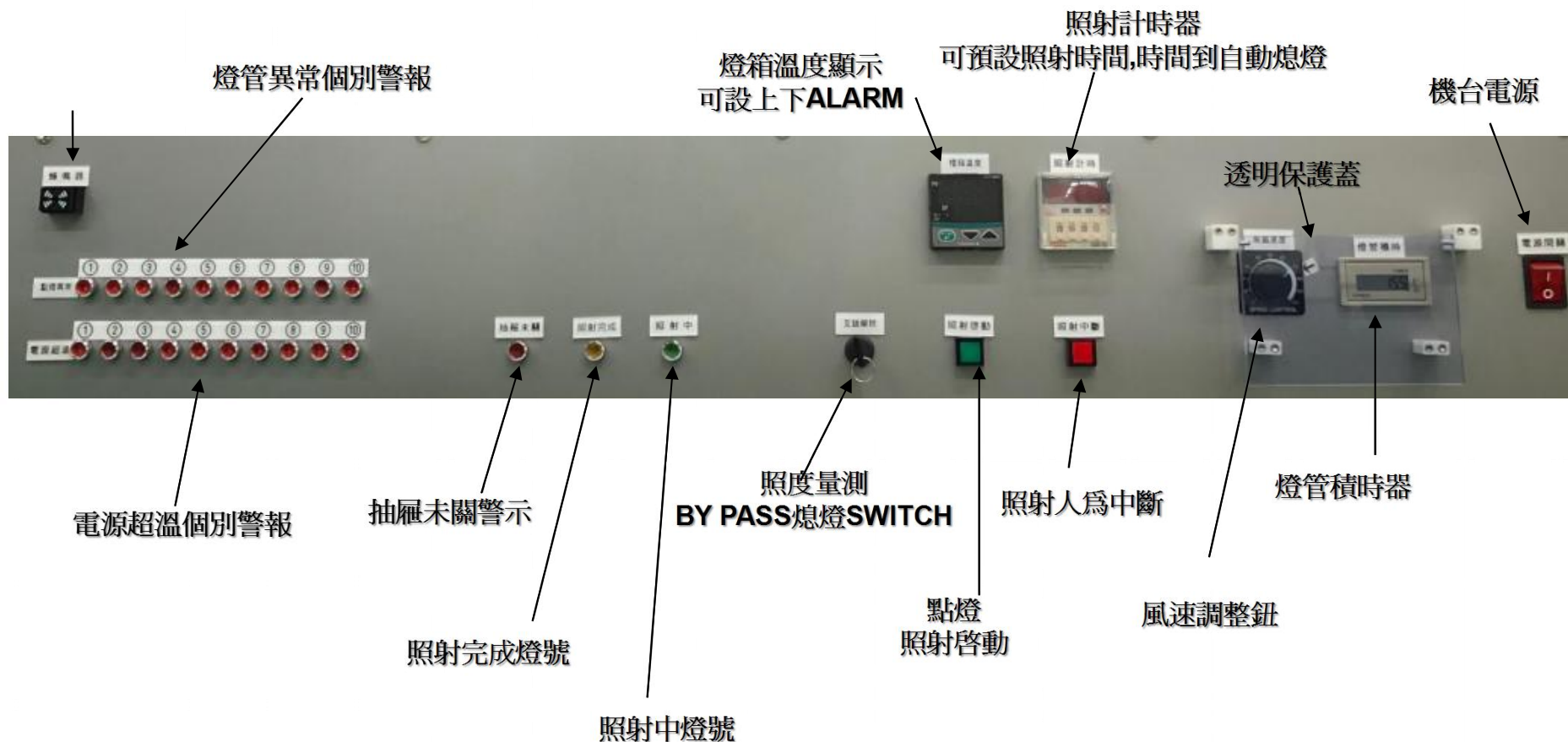


BEST CHOICE FOR MANUAL MASS PRODUCTION

NTOE: 版金外表已改爲鋁金屬色封板

MANUAL ERASER (12" WAFER 6PCS)

操作面板與功能說明



SAFETY DESIGN

- TRAY DESK FALSE OPEN INTERLOCK
- MAIN UV BOX TEMPERATURE MONITOR AND HIGH TEMP. SETTING
- HIGH TEMPERATURE PROTECTION SWITCH INSIDE LAMP POWER SUPPLY
- LAMP NG INDICATOR /ALARM

MANUAL ERASER (12" WAFER 1PCS)

FEATURES

- FOR 12/8 INCH WAFERS
- CAPA : 12" (1 WAFERS) OR 8" (1 WAFERS) PER TRAY
- MANUAL WAFER LOAD/UNLOAD
- HIGH INTENSITY GRID MERCURY LAMP X1PCS
(NEW LAMP UVC INTENSITY 60mw/cm²)(METER
ILT1400)
- SAFETY DESIGN (TRAY BOX /UV INTERLOCK)
- EQUIPMENT SIZE:WXDXH 60X80X60 CM
- TRADITIONAL SWITCH CONTROL

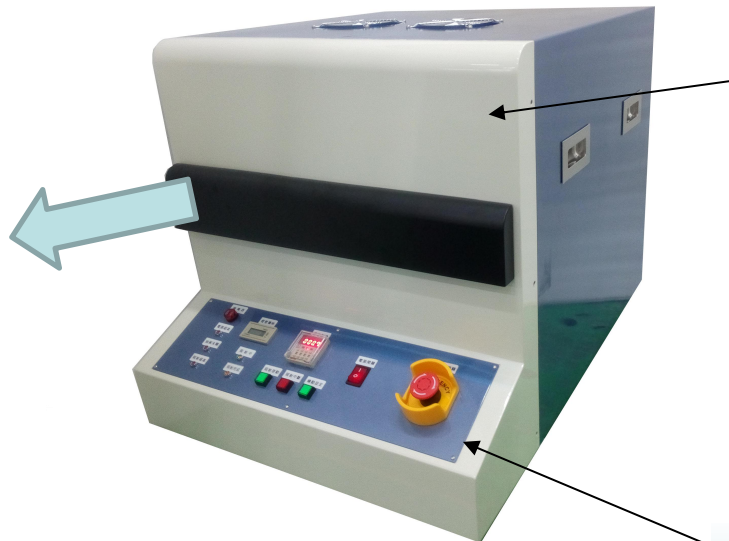
MANUAL ERASER (12" WAFER 1PCS)

OVERVIEW

ERASE LAMP X1PC



WAFER TRAY DESK
PULL OUT



OPERATION PANEL

BEST CHOICE FOR LABORATORY USE

MANUAL ERASER (12" WAFER 1PCS)

SAFETY DESIGN

- TRAY DESK FALSE OPEN INTERLOCK
- ANTI UV LIGHT LEAK DESIGN
- HIGH TEMPERATURE PROTECTION SWITCH
INSIDE LAMP POWER SUPPLY
- LAMP NG INDICATOR /ALARM

COMPARISON LIST

	MANUAL SINGLE WAFER 12" X 1 片	MANUAL MASS PRODUCTION 12" X 6 片	AUTO ERASER 12"X 6片
LOAD/UNLOAD	手動	手動	ROBOT搬片
CAPACITY	8/12吋1片	8吋15片 or 12吋6片	12吋6片 or 8吋6片 Load port space X1
照度監控/壽命管理	無/需手動量測	無/需手動量測	機台自主監控
燈管數量(PCS)	1	10	6
初照度(mw/cm2) >= (量錶:美製 ILT1400)	60	60	60
控制/介面	傳統燈號	PLC/傳統按鈕及燈號	PC BASE/MMI
尺寸(寬X深X高) CM	60X80X60	117X91X94	220X250X235
連線	無	無	SECS/GEM(OPTION)
AVR	選配	選配	有附/電控箱內
註			選配: 1.Auto load port or 客供 2.對位器

Service Locations



Thank you for your attention